

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2581473
<b>Application Number:</b>	10808986
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7762
<b>Title of Invention:</b>	Apparatus and method for creating pulsating fluid flow, and method of manufacture for the apparatus
<b>First Named Inventor/Applicant Name:</b>	Roger L. Schultz
<b>Customer Number:</b>	29920
<b>Filer:</b>	Paul N. Katz/Debbie Allen
<b>Filer Authorized By:</b>	Paul N. Katz
<b>Attorney Docket Number:</b>	HES 2003-IP-012204U1
<b>Receipt Date:</b>	12-DEC-2007
<b>Filing Date:</b>	25-MAR-2004
<b>Time Stamp:</b>	16:42:23
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part/.zip	Pages (if appl.)
1		0637180398ROA.PDF	966791 4871c0f91ff83c4a68e9650bd9b975c5 72fc499	yes	25

Multipart Description/PDF files in .zip description			
Document Description	Start	End	
Miscellaneous Incoming Letter	1	2	
Amendment - After Non-Final Rejection	3	3	
Claims	4	20	
Applicant Arguments/Remarks Made in an Amendment	21	25	

**Warnings:**

**Information:**

Total Files Size (in bytes):	966791
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**New Applications Under 35 U.S.C. 111**  
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**  
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**  
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.